

**Low Voltage Switchgear Devices (LVSD) Subcommittee
Minutes of the 2004 Spring Meeting
Westin La Paloma
Tucson, Az – September 22, 2004**

The Low Voltage Switchgear Devices Subcommittee met on September 23, 2004, with 9 members and 10 guests present. There were 8 excused absences.

Members: P. Barnhart N. McQuin M. D. Sigmon
 D. Edwards T. W. Olsen S. Slattery
 D. Mazumdar R. J. Puckett A. Storms

Guests: G. Cirves F. Mayle T. Roscoe
 P. Dwyer J. Mizener P. Sullivan
 T. Fink A. Morse T. Tomes
 N. Gunderson

Excused: H. Hess P. J. Notarian
 J. M. Jerabek G. R. Nourse
 W. E. Laubach N. H. Simon
 A. Livshitz S. H. Telander

Absent: S. S. Gohil

1. Introduction of members and guests

The meeting was called to order at 8:45 AM by Shaun Slattery with Doug Edwards as secretary. Mr. Slattery welcomed the members and guests and introductions were made.

2. Approval of the minutes of the Spring, 2004 Galveston, Texas meeting

The minutes of the May 5, 2004 meeting in Galveston, Texas were reviewed on screen and were approved.

3. Reports:

S. Slattery

Complete minutes from the WG meetings will be posted.
Brief highlights as discussed in the LVSD meeting follow.

a. ADSCOM Committee Report:

S. Slattery

- C37.17 was initiated for first WG meeting with action to be taken concerning J. Mizener as chair.
- WG Chairs and Sub-committee chairs were requested to attend myBallot training.
- Future standards and standards revisions will require voltage ranges in the title of the document.
- ADSCOM will require footnote at instance of first note in a standard stating that notes are informative. The footnote and layout is as follows:
NOTE – (This note is used only an example). In accordance with the 2005 draft of the Style Manual (not yet released), the first note in the document should have a footnote which reads as listed in footnote below.¹
- A recommendation was made to establish a standard format for listing memberships based on the changes to the IEEE Balloting Pool process.

¹ Notes and text, tables, and figures of a standard are given for information only, and do not contain requirements needed to implement the standard.

- b. **IEC Report (IEC 17B/MT15 – Formally IEC 17B/WG5):** **S. Slattery**
- Minutes will be posted separately.
- c. **IEEE SCC21 Fuel Cells, Photovoltaic** **S. Slattery**
- Minutes will be posted separately.
 - Four groups exist and Scopes and Purposes are provided in minutes.
 - There was a meeting in August 2004 but no new minutes were identified since minutes reported from fall 2003.
 - Minutes may be reviewed at URL: <http://grouper.ieee.org/groups/scc21/>
- d. **C37.100.1 Common Clauses** **A. Storms**
- Balloting of Common Clauses with 82% positive, 18% negative with 1062 comments, ~300 comments are left to be resolved.
 - Style of document will follow IEC format.
 - Highlighted that this document is intended for use as a adjunct support document.
 - Problems exist with IEC symbols and references.
 - Metrification policy is being modified with open issues.
 - IEC 60694 is being reviewed with issues concerning system voltages and BIL tests differences.
 - Forecast: New ballot (not recirculation) by end of 2004. Hope for publishing by end of 2005.
- e. **Working Groups**
- i. **C37.13 Low Voltage AC Power Circuit Breakers used in Enclosures** **D. Edwards**
- WG reviewed and created draft 10.
 - One open action item (50/60 Hz short-circuit test requirements must be resolved).
 - Ballot will be initiated in November 2004.
- ii. **C37.13.1 Standard for Definite Purpose Switching Devices for Use in Metal Enclosed Low Voltage Power Circuit Breaker Switchgear** **R. Puckett**
- Currently at Draft 13.
 - Fuse temperature testing was resolved.
 - Temperature rise issues were resolved.
- iii. **C37.16 LV Power Circuit Breakers and AC Power Circuit Protectors – Preferred Ratings, Related Requirements, and Application Recommendations** **N. Simon**
- Ned Simon was not at Tucson meeting. Per 5/7/04 and 9/15/04 emails, Ned committed to create PAR and intends to have WG meeting in spring 2005 in St. Pete Beach.
 - S. Slattery to follow-up with N. Simon concerning participation as WG Chair.
- iv. **C37.17 American National Standard for Trip Devices for AC and General Purpose DC Low-Voltage Power Circuit Breakers** **J. Mizener**
- Meeting was held with J. Mizener as acting chair.
 - Discussed Scope and Purpose for PAR.
 - Identified that “core functions” of trip units is primary target.
 - Action items include resolving omissions in the IEEE document.

v. **C37.27 Application Guide for LV AC Nonintegrally Fused Power Circuit Breakers**

D. Edwards

- NESCOM (NESCOM 9/22/04 meeting) recommended approval of the revised PAR.
- Document is ready. Ballot process will be initiated in October 2004.

f. **Update Document Status**

D. Edwards

Document Status was reviewed on screen for updates. The document status will be posted on the IEEE website.

- Working Group memberships were discussed and updated.
- C37.17 – J. Mizener was elected and accepted position of Working Group Chair.

4. **Old Business**

a. **Membership recruitment**

D. Edwards

- Specific target contacts were identified with positive impact on membership particularly for participation with C37.17.
- Local IEEE chapter and universities will be targeted for upcoming meetings.
- LVSD participants are to provide names and email addresses to D. Edwards by October 1 for target contacts.

5. **New Business**

S. Slattery

a. C37.17 – J. Mizener was nominated and approved as Working Group Chair.

b. Paper Reviews

S. Slattery

- Three papers have been reviewed but do not have the required three reviewers.
- S. Slattery to provide paper titles and documents soliciting reviewers by October 1.

c. C37.50 – ADSCOM discussion included request to review moving C37.50 from NEMA to IEEE. This was previously discussed (~2 ½ years ago) but request was for a re-review.

- C37.13 requires coordination with C37.50 and NEMA intentions have been communicated to initiate revision of C37.50 immediately after approval of C37.13.
- The proposed benefit for moving C37.50 from NEMA to IEEE is to get improved participation by users and improve coordination efforts. But, there is a process for such input which appears to be functioning.
- Motion made to not take any action to request transfer of C37.50 from NEMA to IEEE. Motion was unanimously approved.

d. Working group chairs, please provide an electronic copy of your report to D. Edwards by **October 1, 2004.**

e. Working group chairs, please submit your WG room requests for the spring of 2005 meeting to T. Burse by **February 1, 2005.** Working groups are asked to carefully consider any audio visual equipment requirements, as A/V equipment is a major expense.

f. Next Meetings

S. Slattery

- Spring 2005, 8 – 12 May 2005 – St. Pete Beach, FL (Tradewinds Island Grand Resort)
- Fall 2005, 2 – 6 October 2005, Montreal, Quebec, Canada (Omni Mont-Royal)

g. IEEE Website for Standard Development Process is listed here for convenience:

<http://standards.ieee.org/resources/development/>

h. New WG for C37.17 to be organized with and WG members recruited.

i. Shaun Slattery was designated as member of IEEE delegation to the ASC C37 committee.

6. Adjourn

The meeting adjourned at 10:07 AM.

Minutes submitted by:

D. Edwards
Secretary